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(54) **METHOD FOR WIRE GUIDANCE TONE CERTIFICATION**

(75) Inventor: **Dominik A. Kotlow, Wakefield, RI (US)**

(73) Assignee: **The United States of America as represented by the Secretary of the Navy, Washington, DC (US)**

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Primary Examiner—John S. Hilten
Assistant Examiner—Stephen J. Cherry
(74) Attorney, Agent, or Firm—James M. Kasischke; Michael F. Olgo; Jean-Paul Nasser

(57) **ABSTRACT**

A method is provided to capture and process wire guidance fire control command tones. The method is implemented on a computer, which monitors and displays the wire guidance command tones in real time, showing the tone or signal over time. A user controls the beginning and ending of the capture period. The captured data is stored within the computer. Once data capturing has ended, the full record of the captured data is displayed. The display includes active cursors denoting the start and stop of the recorded event. The cursors may be positioned independently along the data display so as to bracket a tone event of interest. Once the cursors are positioned, the method updates the display to show only the bracketed event. The time duration of the event is also shown as well as a computed frequency for the event. The user may then continue refining the positions of the cursors to accurately identify the event of interest. Once the event has been satisfactorily identified, the duration and frequency may be compared to specified parameters to certify or reject the wire guided fire control command tone signaling system.

12 Claims, 1 Drawing Sheet